

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	("0000000"   "2604569"   "2660199"   "2719207"   "20020014966"   "0266019"   "4483399"   "4669650"   "4728760"   "4736084"   "5285065"   "5721413"   "5721416"   "5924745").PN.	US-PGPUB; USPAT	ADJ	ON	2008/01/02 10:49
S2	4	"793402".pn.	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/02 11:36
S3	4	"521529".ap.	US-PGPUB; USPAT	ADJ	ON	2008/01/03 08:43
S4	247	tub\$5 and weld\$4 near5 (forge or diffus\$4) and clad \$5 and steel	US-PGPUB; USPAT	ADJ	ON	2008/01/03 13:06
S5	200	tub\$5 and weld\$4 near5 (forge or diffus\$4) and clad \$5 same steel	US-PGPUB; USPAT	ADJ	ON	2008/01/03 13:06
S6	160	tub\$5 and weld\$4 near5 forge and clad\$5 same steel	US-PGPUB; USPAT	ADJ	ON	2008/01/03 13:52
S7	47	tub\$5 and weld\$4 near5 forge and clad\$5 same steel and (flush\$4 or reduc \$4) near3 gas near5 inert	US-PGPUB; USPAT	ADJ	ON	2008/01/03 13:55
S8	6	tub\$5 and weld\$4 near5 forge and clad\$5 same steel and (flush\$4 or reduc \$4) near3 gas near5 inert	USPAT	ADJ	ON	2008/01/03 14:50
S9	5	(flush\$4 or reduc\$4) gas near inert and forge near5 weld\$3	US-PGPUB; USPAT	ADJ	ON	2008/01/03 16:08
S10	114	(flush\$4 or reduc\$4) gas same inert and forge near5 weld\$3	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:03
S11	1	"7147059".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:23
S12	2	"6485232".pn. or "6824328".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:25
S13	1	"6485232".pn. or "6824328".pn. and inert	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:25
S14	1	"6732794".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:26

S15	1	"6732794".pn. and inert	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:26
S16	0	vinegar.in. and inert near5 reducing near5 gas	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:28
S17	430	vinegar.in.	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:28
S18	98	vinegar.in. and inert same reducing same gas	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:28
S19	9253	steel and clad\$4 and tub \$5	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:32
S20	155	steel same clad\$4 same tub\$5 and forge near5 weld\$4	US-PGPUB; USPAT	ADJ	ON	2008/01/04 08:33
S21	352	shell.as. and welding and tub\$5	US-PGPUB; USPAT	ADJ	ON	2008/01/04 11:09
S22	398	shell.as. and welding and (tub\$5 or pipe)	US-PGPUB; USPAT	ADJ	ON	2008/01/04 11:10
S23	117	shell.as. and welding and (tub\$5 or pipe) and clad\$4	US-PGPUB; USPAT	ADJ	ON	2008/01/04 11:22
S24	66	( "0266019"   "0619423"   "0781994"   "0954232"   "20020014966"   "20030033870"   "20040091076"   "20040093949"   "20040134970"   "2604569"   "2660199"   "2719207"   "2892914"   "3210068"   "3689113"   "4100809"   "4127035"   "4184374"   "4289030"   "4384657"   "4471658"   "4483399"   "4535215"   "4566625"   "4593568"   "4669650"   "4675728"   "4679448"   "4685334"   "4728760"   "4736084"   "5085082"   "5187343"   "5265787"   "5285065"   "5435478"   "5439157"   "5474225"   "5526691"   "5537876"   "5549003"   "5581037"   "5652389"   "5721413"   "5760307"   "5770832"   "5808202"   "5924745"   "5985064"   "6078031"   "6153848"   "6170336"   "6250163"   "6568271"   "6597997"   "6624628"   "6751560"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/04 11:32

S25	314	weld\$4 and tub\$5 and steel near5 high\$3 near4 grade and pipe	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:00
S26	392	weld\$4 and tub\$5 and steel near5 (high\$3 or low \$3) near4 grade and pipe	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:00
S27	96	weld\$4 and tub\$5 and steel near5 (high\$3 or low \$3) near4 grade and pipe and clad\$4	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:10
S28	10	weld\$4 and tub\$5 and steel near5 (high\$3 or low \$3) near4 grade near clad \$4 and pipe	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:37
S29	1	"6896171".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:48
S30	8	DenBoer.in.	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:51
S31	103	Den Boer.in.	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:52
S32	12	Den Boer.in. and shell.as.	US-PGPUB; USPAT	ADJ	ON	2008/01/07 11:53
S33	13	("0000000"   "2604569"   "2660199"   "2719207"   "20020014966"   "0266019"   "4483399"   "4669650"   "4728760"   "4736084"   "5285065"   "5721413"   "5721416"   "5924745").PN.	US-PGPUB; USPAT	ADJ	ON	2008/01/07 13:56
S34	0	S33 and clad\$4	US-PGPUB; USPAT	ADJ	ON	2008/01/07 13:56
S35	5	S33 and steel	US-PGPUB; USPAT	ADJ	ON	2008/01/07 13:56
S36	13	("0000000"   "2604569"   "2660199"   "2719207"   "20020014966"   "0266019"   "4483399"   "4669650"   "4728760"   "4736084"   "5285065"   "5721413"   "5721416"   "5924745").PN.	US-PGPUB; USPAT	ADJ	ON	2008/01/08 14:12
S37	1	"4669650".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/08 14:45
S38	10	clad\$4 near5 machin\$4 near5 pipe	US-PGPUB; USPAT	ADJ	ON	2008/01/08 16:09
S39	34	clad\$4 near5 machin\$4 near5 (pipe or tub\$5)	US-PGPUB; USPAT	ADJ	ON	2008/01/08 16:10
S40	556	clad\$4 same machin\$4 same (pipe or tub\$5)	US-PGPUB; USPAT	ADJ	ON	2008/01/08 16:17

S41	1	"4736084".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 14:59
S42	1	"5163604".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:00
S43	3	"621560".ap.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:01
S44	5	"621287".ap.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:02
S45	1	"7282663".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:03
S46	5	"557449".ap.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:04
S47	5	"621823 ".ap.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:06
S48	148	228/113.cls.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:39
S49	5520	(tube or tubes or tubular or tubing or pipe or pipes or piping) same (weld\$4 or solder\$4 or braz\$4) same (concave or convex) with (end or wall or edge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 08:09
S50	1317	(tube or tubes or tubular or tubing or pipe or pipes or piping) same (weld\$4 or solder\$4 or braz\$4) same (concave or convex) with (end or wall or edge) and @py>="1975"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 08:12
S51	697	(tube or tubes or tubular or tubing or pipe or pipes or piping) same (weld\$4 or solder\$4 or braz\$4) same (concave or convex) with (wall or edge) and @py>="1975"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 08:19
S52	412234	S51 and "228".clas. or "219".clas. or "29".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 08:25
S53	109	S51 and ("228".clas. or "219".clas. or "29".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 08:26
S54	0	("2004/0232207").URPN.	USPAT	ADJ	ON	2008/09/25 08:52

S55	8104	(weld\$4 or solder\$4 or braz\$4) same (flush\$4 or reduc\$4 or inert) near5 gas	USPAT	ADJ	ON	2008/09/25 09:04
S56	115	(weld\$4 or solder\$4 or braz\$4) same (flush\$4 or reduc\$4 or inert) near5 gas same "9"\$1 near5 inert	USPAT	ADJ	ON	2008/09/25 09:05
S57	866	(weld\$4 or solder\$4 or braz\$4) same (flush\$4 or reduc\$4 or inert) near5 gas same (H or hydrogen or CO or carbon near2 monoxide)	USPAT	ADJ	ON	2008/09/25 09:13
S58	866	(weld\$4 or solder\$4 or braz\$4) same (flush\$4 or reduc\$4 or inert) near5 gas same (H or hydrogen or CO or (carbon near2 monoxide))	USPAT	ADJ	ON	2008/09/25 09:15
S59	496	(weld\$4 or solder\$4 or braz\$4) same (flush\$4 or reduc\$4 or inert) near5 gas same (H or hydrogen or CO or (carbon near2 monoxide)) same (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide))	USPAT	ADJ	ON	2008/09/25 09:16
S60	375	(weld\$4 or solder\$4 or braz\$4) same (flush\$4 or reduc\$4 or inert) near5 gas same (H or hydrogen or CO or (carbon near2 monoxide)) with (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide))	USPAT	ADJ	ON	2008/09/25 09:17
S61	58	(weld\$4 or solder\$4 or braz\$4) same (flush\$4) near5 gas same (H or hydrogen or CO or (carbon near2 monoxide)) with (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide))	USPAT	ADJ	ON	2008/09/25 09:19

S62	8	(US-4382525-\$ or US-4384657-\$ or US-4451506-\$ or US-5361972-\$ or US-3941299-\$ or US-4210839-\$ or US-3948432-\$ or US-4016011-\$).did.	USPAT	ADJ	ON	2008/09/25 09:27
S63	7	S62 and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 09:27
S64	2	S62 and steel and (tube or tubes or tubular or tubing or pipe or pipes or piping) same (weld\$4 or solder\$4 or braz\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 09:28
S65	1	S64 and (H or hydrogen or CO or (carbon near2 monoxide)) with (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 09:30
S66	6	S63 and (H or hydrogen or CO or (carbon near2 monoxide)) with (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 09:37
S67	6	S63 and (H or hydrogen or CO or (carbon near2 monoxide)) with (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide)) and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 09:37
S68	4	(US-4451506-\$ or US-4382525-\$ or US-3948432-\$ or US-3941299-\$).did.	USPAT	ADJ	ON	2008/09/25 09:42
S69	4	S68 and weld\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/25 09:42
S70	7	S62 and weld\$4	USPAT	ADJ	ON	2008/09/25 10:01

S71	6	S70 and (H or hydrogen or CO or (carbon near2 monoxide)) with (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide))	USPAT	ADJ	ON	2008/09/25 10:01
S72	6	S71 and (H or hydrogen or CO or (carbon near2 monoxide)) with (He or Ar or N or "CO.sub.2." or helium or argon or nitrogen or (carbon near2 dioxide))	USPAT	ADJ	ON	2008/09/25 10:02

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